

ABSTRACT

The present invention is directed to a fuel cell supply for a fuel cell having an outer casing, a liner member containing methanol, and a valve component comprising a valve body member and a slidable body member disposed inside the valve body member. The slidable body member is normally biased toward a valve seat surface to seal the valve component and the slidable body member can be moved away from the valve seat surface to open the valve component. The liner member, the valve body member and the slidable body member are made from at least two different materials and wherein at least one of the members compatible with methanol. Hence, each component can be selected from material(s) that is substantially optimal for its function in the fuel supply.